

**Rhode Island Precipitation**  
**National Weather Service Boston/Norton, MA**  
Preliminary Precipitation Data (inches) by Drought Region  
Past 12 to 36 months ending August 2020  
*Includes CoCoRaHS Data*

| <b>RI 1 month August 2020</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|-------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                     | 2.36            | -1.97            | 55             | 4.33          |
| Northeast                     | 2.00            | -2.13            | 48             | 4.13          |
| Central West                  | 2.04            | -1.98            | 51             | 4.02          |
| Central East                  | 1.64            | -1.96            | 46             | 3.60          |
| Eastern                       | 1.62            | -2.18            | 43             | 3.80          |
| Southern                      | 1.43            | -2.93            | 33             | 4.36          |
| New Shoreham                  | 2.97            | -1.39            | 68             | 4.36          |

| <b>RI 2 month Jul-Aug 20</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                    | 3.86            | -4.29            | 47             | 8.15          |
| Northeast                    | 4.09            | -3.85            | 52             | 7.94          |
| Central West                 | 4.15            | -3.51            | 54             | 7.66          |
| Central East                 | 3.52            | -3.37            | 51             | 6.89          |
| Eastern                      | 2.91            | -3.68            | 44             | 6.59          |
| Southern                     | 3.36            | -4.66            | 42             | 8.02          |
| New Shoreham                 | 3.62            | -4.40            | 45             | 8.02          |

| <b>RI 3 month Jun-Aug 20</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                    | 7.50            | -5.23            | 59             | 12.73         |
| Northeast                    | 7.53            | -4.62            | 62             | 12.15         |
| Central West                 | 5.59            | -6.21            | 47             | 11.80         |
| Central East                 | 5.99            | -4.54            | 57             | 10.53         |
| Eastern                      | 4.80            | -5.67            | 46             | 10.47         |
| Southern                     | 5.96            | -6.34            | 48             | 12.30         |
| New Shoreham                 | 6.04            | -6.26            | 49             | 12.30         |

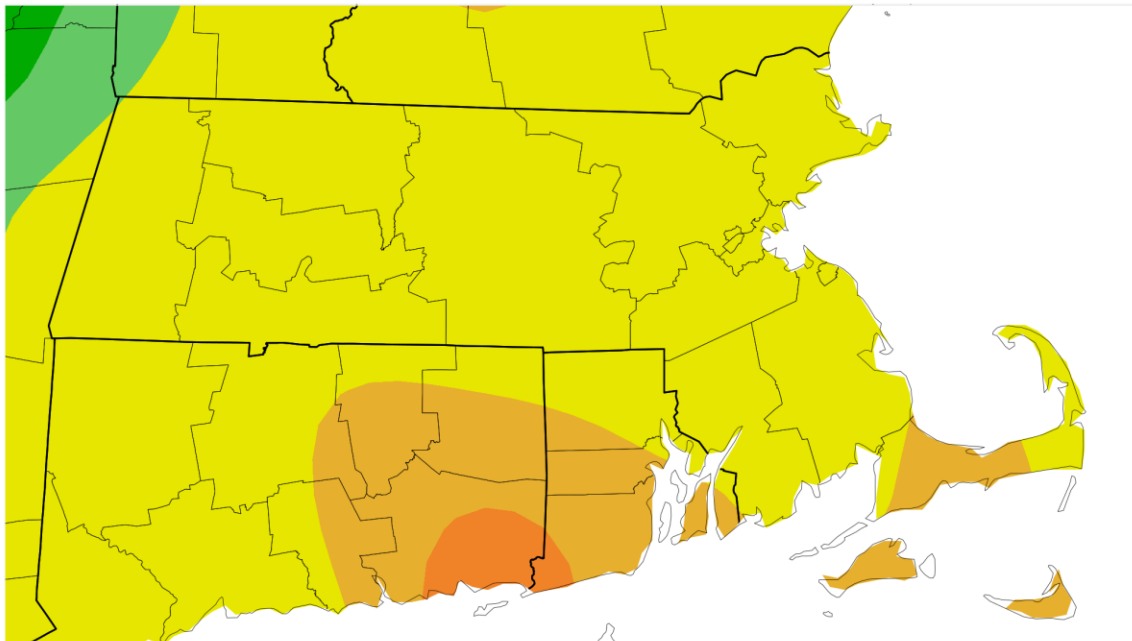
| <b>RI 6 month Mar-Aug 20</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                    | 21.72           | -5.08            | 81             | 26.80         |
| Northeast                    | 21.87           | -3.81            | 85             | 25.68         |
| Central West                 | 20.53           | -4.78            | 81             | 25.31         |
| Central East                 | 19.65           | -3.80            | 84             | 23.45         |
| Eastern                      | 16.71           | -7.90            | 68             | 24.61         |
| Southern                     | 19.77           | -7.06            | 74             | 26.83         |
| New Shoreham                 | 17.17           | -9.66            | 64             | 26.83         |

| <b>RI 12 month Sep 19-Aug 20</b> | <b>Rainfall</b> | <b>Departure</b> | <b>Percent</b> | <b>Normal</b> |
|----------------------------------|-----------------|------------------|----------------|---------------|
| Northwest                        | 46.95           | -6.76            | 87             | 53.70         |
| Northeast                        | 45.22           | -6.20            | 88             | 51.42         |
| Central West                     | 46.87           | -3.91            | 92             | 50.77         |
| Central East                     | 42.92           | -4.26            | 91             | 47.18         |
| Eastern                          | 41.03           | -7.51            | 85             | 48.54         |
| Southern                         | 45.88           | -6.99            | 87             | 52.87         |
| New Shoreham                     | 40.38           | -12.49           | 76             | 52.87         |

| RI 24 month Sep 18-Aug 20 | Rainfall | Departure | Percent | Normal |
|---------------------------|----------|-----------|---------|--------|
| Northwest                 | 120.05   | 12.65     | 112     | 107.40 |
| Northeast                 | 113.47   | 10.63     | 110     | 102.84 |
| Central West              | 119.38   | 17.84     | 118     | 101.54 |
| Central East              | 110.70   | 16.34     | 117     | 94.36  |
| Eastern                   | 103.71   | 6.63      | 107     | 97.08  |
| Southern                  | 117.61   | 11.87     | 111     | 105.74 |
| New Shoreham              | 103.20   | -2.54     | 98      | 105.74 |

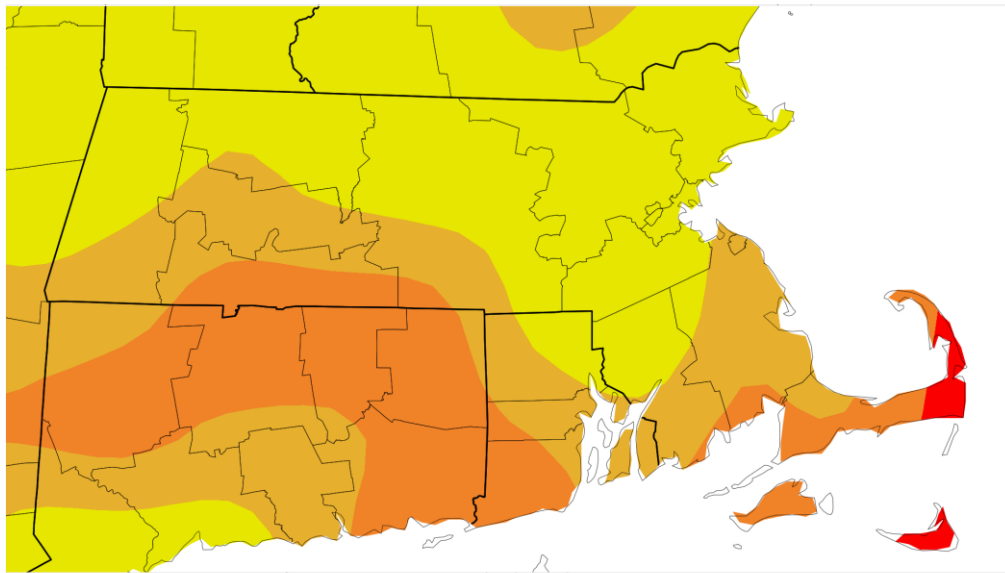
| RI 36 month Sep 17-Aug 20 | Rainfall | Departure | Percent | Normal |
|---------------------------|----------|-----------|---------|--------|
| Northwest                 | 176.48   | 15.38     | 110     | 161.10 |
| Northeast                 | 165.40   | 11.14     | 107     | 154.26 |
| Central West              | 173.73   | 21.42     | 114     | 152.31 |
| Central East              | 160.30   | 18.76     | 113     | 141.54 |
| Eastern                   | 150.65   | 5.03      | 103     | 145.62 |
| Southern                  | 168.05   | 9.44      | 106     | 158.61 |
| New Shoreham              | 148.92   | -9.69     | 94      | 158.61 |

## Monthly SPI 8/1/2020 – 8/31/2020



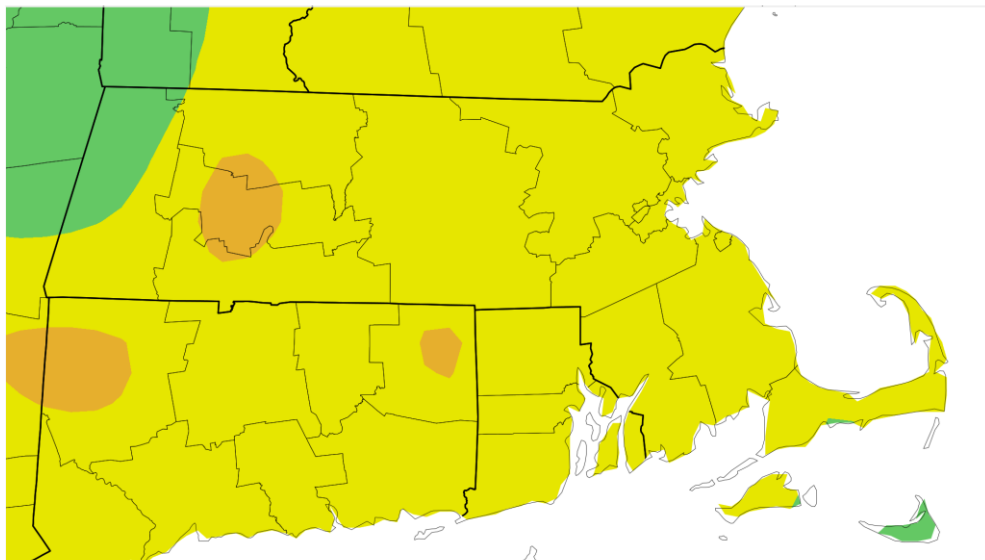
Generated 9/2/2020 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 1. 1 Month SPI for August 2020.

3-Month SPI  
6/1/2020 – 8/31/2020

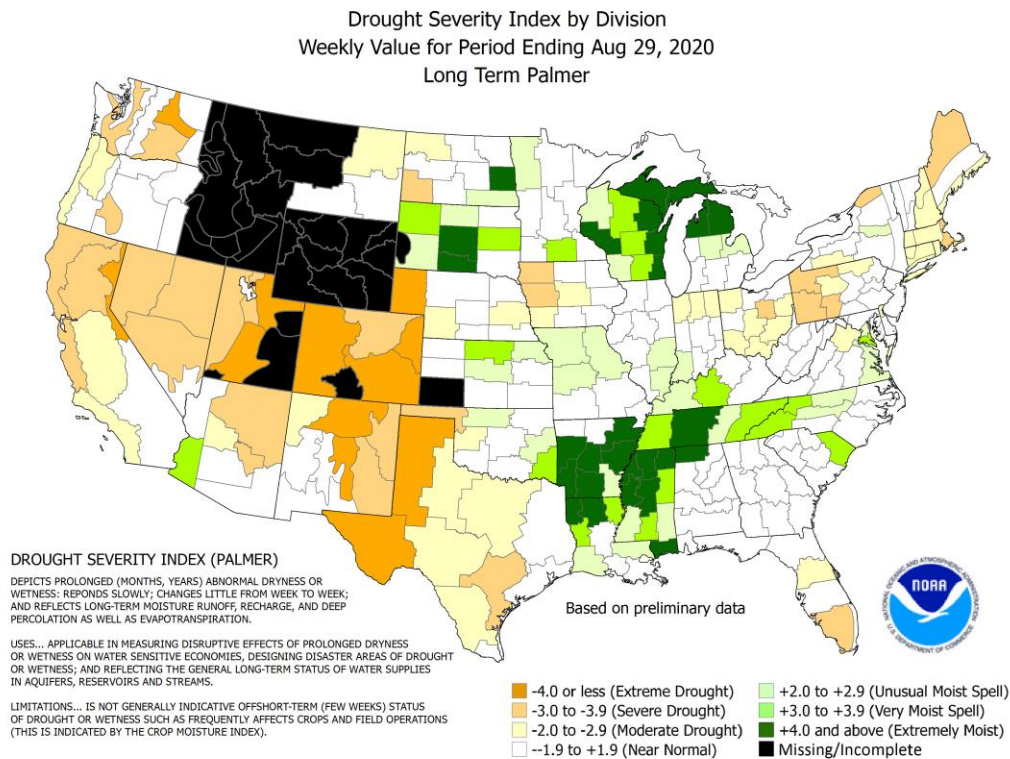


Generated 9/2/2020 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 2. Three-Month SPI ending August 2020.

12-Month SPI  
9/1/2019 – 8/31/2020



Generated 9/2/2020 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 3. Twelve month SPI ending August 2020.



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 8/29/20.  
**RI Palmer is in the Moderate Drought range, -2.85.**

## U.S. Drought Monitor Rhode Island

**September 1, 2020**  
(Released Thursday, Sep. 3, 2020)  
Valid 8 a.m. EDT



### Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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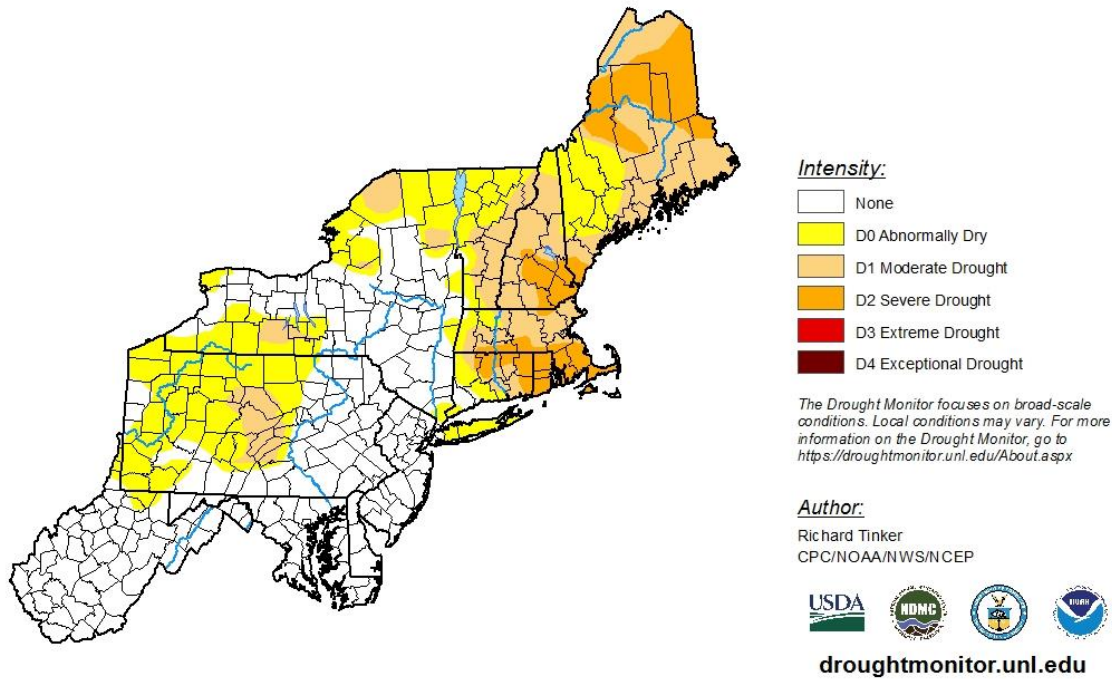


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

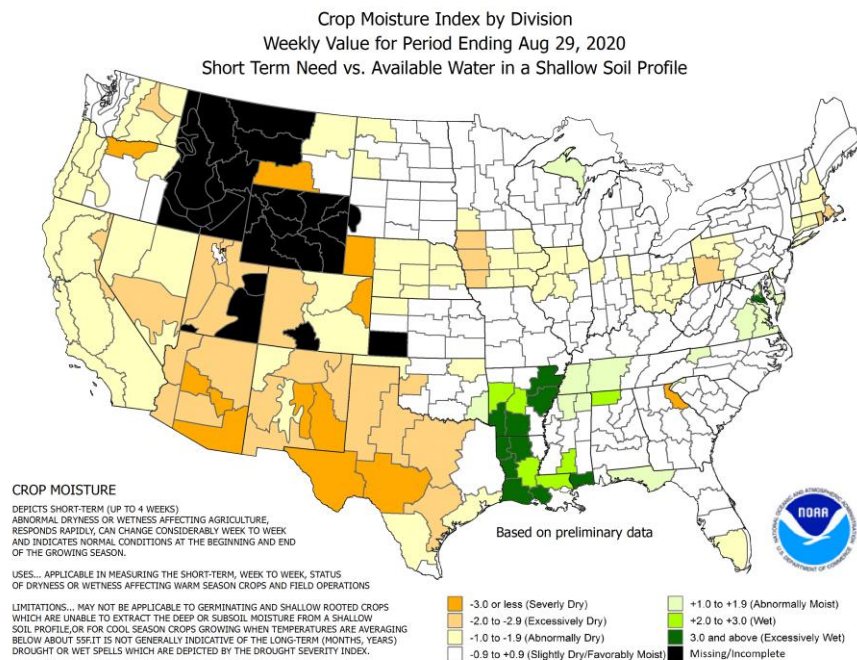
Map 5. US Drought Monitor for Rhode Island. valid 9/1/2020.

# U.S. Drought Monitor Northeast

September 1, 2020  
(Released Thursday, Sep. 3, 2020)  
Valid 8 a.m. EDT



Map 6. US Drought Monitor for the Northeast US, valid 9/1/2020.



Map 7. Crop Moisture Index from the Climate Prediction Center, NOAA, dated 8/29/20.  
RI CMI is in the Excessively Dry range, -2.19.